

DEC 07 2004

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

82-V-001

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veterans Affairs
VACC
810 Vermont Avenue NW
Washington, DC 20420

**ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

531 VA Medical Center
500 West Fort Street
Boise, ID 83702

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	23	17		1	18
9. Non-human Primates					
10. Sheep			35		35
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats	12	18	78		96
Mice		22		76	98

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)**

I certify that the above is true, correct, and complete (7 USC Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/10/04

DEC 13 2004

Investigator:

Protocol #: OLS-0014B

Justification of Category E Animals

The category E rabbits were injected with anthracyclines chronically and they may develop congestive heart failure over a 10-week period. Use of anxiolytic agents or stress reducing drugs such as barbiturates or benzodiazepenes may induce or inhibit microsomal liver metabolism or displace anthracyclines from plasma protein stores thereby altering the pharmacokinetics of anthracyclines. Such an effect may interfere with the experimental outcome. The drugs may have direct effects on the proteins of the heart being studied and interfere with the results of the study.

1 rabbits

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1 rabbits

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Additional information requested for Block E of APHIS Form 7023, dated February 3, 2005

The rabbit involved in this study was injected with anthracyclines or their analogs twice a week for eight weeks. Heart function was assessed by echocardiography. **The rabbit was euthanized when fractional shortening was reduced to less than 25% or twenty weeks after the first anthracycline injection.** The heart was then removed for further study.

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